



RIDGETOWN  
CAMPUS

ONTARIO  
AGRICULTURAL COLLEGE  
SCHOOL OF ENVIRONMENTAL SCIENCES

## Applied Ecology & Pest Management – Graduate Student Position Available

School of Environmental Sciences, University of Guelph

### “Mitigation and management of Cry1F resistance in European corn borer in Canada”

#### *Project summary:*

We are currently seeking an enthusiastic, committed, and hard-working graduate student (Ph.D.) interested in elucidating the distribution, genetic basis, fitness costs, and mitigation of European corn borer *Ostrinia nubilalis* (Lepidoptera: Crambidae) populations with resistance to Cry1F transgenic corn in Canada. The Ph.D. student will be primarily located at the Ridgeway Campus of the University of Guelph <https://www.ridgetownc.com/aboutus/maps.cfm>; although course work may occur on the main campus.

#### *Qualifications:*

The preferred candidates will hold a BSc and/or MSc degree in entomology, molecular biology, genetics, or a related discipline. The successful candidate should have experience in molecular biology techniques, and an interest in entomology, ecology, toxicology, and population genetics. Candidates must be able to work independently and as part of a collaborative team. Applicants must meet the admission requirements for the School of Environmental Sciences, University of Guelph. More information is available at: <http://www.uoguelph.ca/ses/programs/prospective-graduate-students>

#### *Start date and stipend:*

Anticipated start date of January 2021. Funding is guaranteed for 4 years.

#### *To apply:*

Applicants should send a cover letter outlining your research interests, a current CV, unofficial transcripts and contact information for 3 academic references, as soon as possible, by email to:

**Dr. Rebecca Hallett** or **Dr. Jocelyn Smith**  
[rhallett@uoguelph.ca](mailto:rhallett@uoguelph.ca) [jocelyn.smith@uoguelph.ca](mailto:jocelyn.smith@uoguelph.ca)

At the University of Guelph, fostering a culture of inclusion is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution. *Applications will be accepted until a suitable candidate is found.*